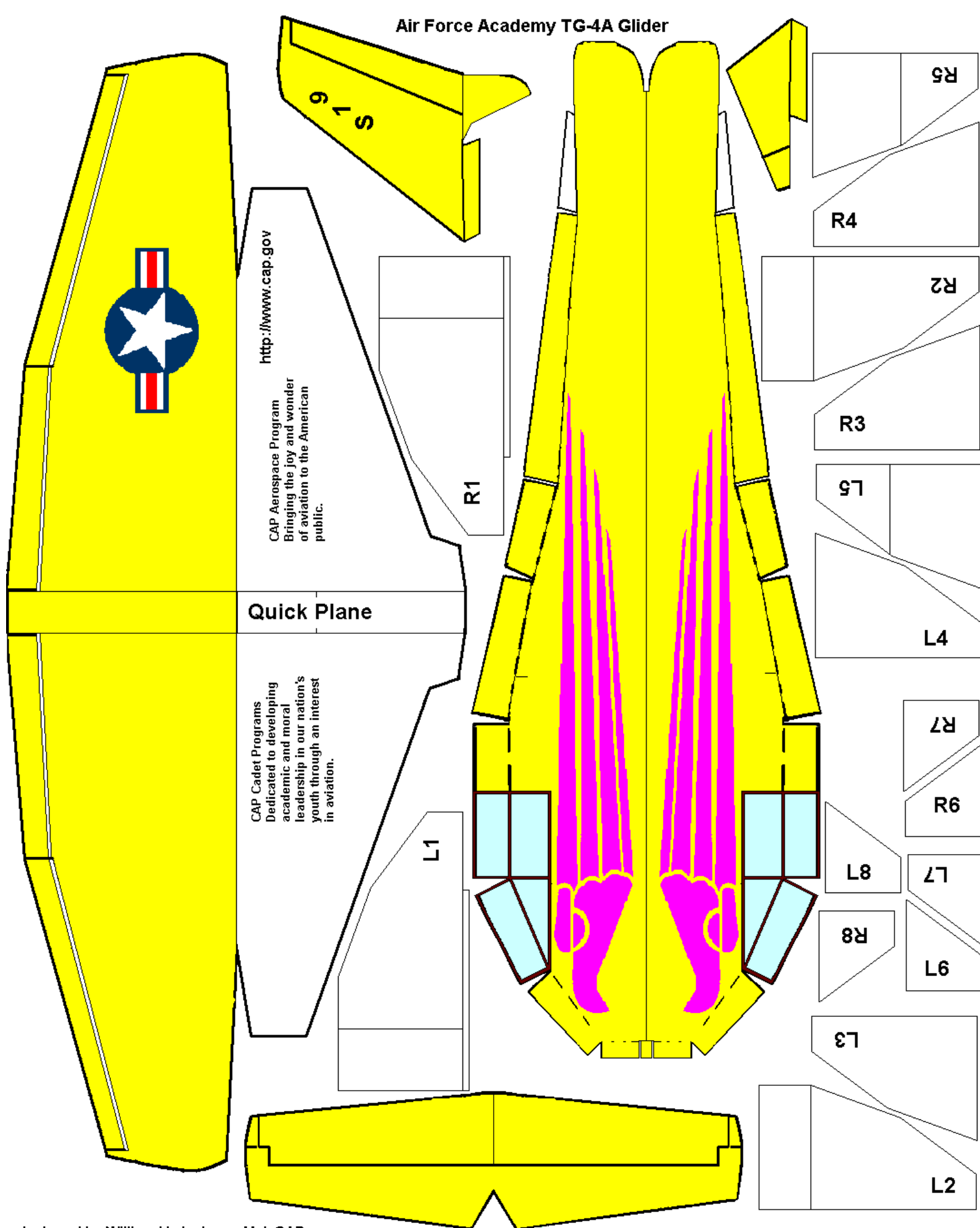


# Air Force Academy TG-4A Glider



## Instruction for printing and assembling the Air Force Academy TG-4A

### Printing

1. Download and save the Word file in a convenient place, like your desktop.
2. Print the pattern on your color printer using white, heavy card stock.

### Materials Needed

pattern printed on white heavy index card stock (Approx. 110 weight paper)

1 Scissors

Elmer's type glue and/or Stick Glue

ruler or straight edge

### Construction

1. Cut out the nose weights, main wing, fuselage, rudder and horizontal stabilizer. (If time is an issue, replace the nose weights with a penny.)
2. Glue the left and right nose weights into a stack according to the numbers and glue each side into the nose of the fuselage.
3. Fold the fuselage and glue the tabs along the back.
4. Glue the two sides of the vertical stabilizer and then glue the tabs to the horizontal stabilizer to complete the empennage.
5. Fold the wing stiffener back under the main wing and glue into place.
6. Cut two slots at the wing root to allow the leading edge to warp down to form the air foil.
7. Attach the main wing to the top of the fuselage.
8. Run a bead of glue to hold the wing leading edge to the fuselage.
9. Attach the empennage to the tail of the fuselage.
10. Squeeze the top and bottom of the fuselage to round and give the fuselage a fatter shape.
11. Trim and fly your airplane.